

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	"2005123145"	US-PGPUB; USPAT	OR	ON	2006/11/28 09:42
S2	1	"20050123145"	US-PGPUB; USPAT	OR	ON	2006/11/28 09:42
S3	1	US-5703797-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/28 10:02
S4	2	"20020176584"	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/28 10:02
S5	2	("6118877"   "6134329").PN. OR ("7058182").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/28 11:20
S6	1580	((381/58.ccls.) or (381/60.ccls.) or ("381"/\$.ccls.)) and (hearing adj3 (aid\$2 or device\$2)) and (\$3adjust\$4)	US-PGPUB; USPAT	OR	ON	2006/11/28 11:25
S7	1250	S6 and @ad<"20031209"	US-PGPUB; USPAT	OR	ON	2007/09/03 16:21
S8	763	S7 and (simulat\$3 or test\$3 or measur\$5)	US-PGPUB; USPAT	OR	ON	2006/11/28 11:31
S9	0	(381/60.ccls)	US-PGPUB; USPAT	OR	ON	2006/11/28 11:31
S10	198	(381/60.ccls.)	US-PGPUB; USPAT	OR	ON	2006/11/28 11:31
S11	147	S10 and @ad<"20031209"	US-PGPUB; USPAT	OR	ON	2006/11/29 06:29
S12	116	S11 and (\$3adjust\$4)	US-PGPUB; USPAT	OR	ON	2006/11/28 11:36
S13	25	S10 and ((first and second) adj3 (hear\$3 ))	US-PGPUB; USPAT	OR	ON	2006/11/28 12:31
S14	0	("2006/0098831").URPN.	USPAT	OR	ON	2006/11/28 12:33
S15	0	("2005/0123145").URPN.	USPAT	OR	ON	2006/11/28 12:55
S16	0	("2005/0117764").URPN.	USPAT	OR	ON	2006/11/28 12:56
S17	4	("5838801"   "5852668"   "5892836").PN. OR ("6094489").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/28 13:01
S18	13	("4419544").PN. OR ("5838801").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/28 13:06
S19	0	("2004/0208330").URPN.	USPAT	OR	ON	2006/11/28 13:10
S20	18	S11 and ((first and second) adj3 (hear\$3 or device\$2))	US-PGPUB; USPAT	OR	ON	2006/11/28 13:12

## EAST Search History

S21	23	("3922506"   "4065647"   "4471171"   "4759070"   "4809708"   "4868880"   "4870688"   "4879749"   "4901353"   "4953112"   "4992966"   "5029217").PN. OR ("5386475").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/28 13:19
S22	38	("3894195"   "4099035"   "4419544"   "4536844"   "4630302"   "4658426").PN. OR ("5029217").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/28 14:31
S23	116	S11 and (\$4adjust\$4)	US-PGPUB; USPAT	OR	ON	2006/11/28 14:49
S24	268	(\$4adjust\$4) and ((prior or before)adj3(hearing adj3 (aid or device\$2)))	US-PGPUB; USPAT	OR	ON	2006/11/28 15:18
S25	198	(381/60.ccls.)	US-PGPUB; USPAT	OR	ON	2006/11/28 15:20
S26	198	(381/60.ccls.)or ("381"/.58.ccls.)	US-PGPUB; USPAT	OR	ON	2006/11/28 15:21
S27	611	(381/60.ccls.)or ("381"/58.ccls.)	US-PGPUB; USPAT	OR	ON	2006/11/28 15:21
S28	394	S27 and @ad<"20031209"	US-PGPUB; USPAT	OR	ON	2006/11/28 15:48
S29	273	S28 and (\$3adjust\$4 or fitt\$2)	US-PGPUB; USPAT	OR	ON	2006/11/28 15:34
S30	223	S29 and (first and second)	US-PGPUB; USPAT	OR	ON	2006/11/28 15:40
S31	22	S30 and(second adj3 hear\$3)	US-PGPUB; USPAT	OR	ON	2006/11/28 15:47
S32	1473	("381"/\$.ccls.) and (control\$4 and analyz\$3)	US-PGPUB; USPAT	OR	ON	2006/11/28 15:48
S33	1177	S32 and @ad<"20031209"	US-PGPUB; USPAT	OR	ON	2006/11/28 16:47
S34	1063	S33 and (second\$2)	US-PGPUB; USPAT	OR	ON	2006/11/28 16:13
S35	772	S34 and (\$3adjust\$4)	US-PGPUB; USPAT	OR	ON	2006/11/28 16:14
S36	173	S35 and (hear\$3 adj3 (device or aid))	US-PGPUB; USPAT	OR	ON	2006/11/28 16:14
S37	1066	S33 and (second\$4)	US-PGPUB; USPAT	OR	ON	2006/11/28 16:13
S38	775	S37 and (\$3adjust\$4)	US-PGPUB; USPAT	OR	ON	2006/11/28 16:14
S39	174	S38 and (hear\$3 adj3 (device or aid))	US-PGPUB; USPAT	OR	ON	2006/11/28 16:45

## EAST Search History

S40	182	((two or primary or master or first or secondary) SAME (hear\$3 or device\$1 ))and (381/60.ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/28 17:36
S41	133	S40 and @ad<"20031209"	US-PGPUB; USPAT	OR	ON	2006/11/28 17:37
S42	48	((primary or master or secondary) SAME (hear\$3 or device\$1 ))and (381/60.ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/29 06:32
S43	33	(US-20020176584-\$ or US-20040028250-\$ or US-20040141621-\$ or US-20040136541-\$ or US-20040066944-\$ or US-20040204921-\$ or US-20040125966-\$ or US-20040190738-\$ or US-20040234089-\$ or US-20050111680-\$ or US-20030161482-\$ or US-20040213424-\$ or US-20020191800-\$).did. or (US-5703797-\$ or US-7058182-\$ or US-6118877-\$ or US-7068793-\$ or US-7024000-\$ or US-6980662-\$ or US-6954535-\$ or US-6094489-\$ or US-6366863-\$ or US-6327366-\$ or US-5386475-\$ or US-5029217-\$ or US-6047074-\$ or US-6134329-\$ or US-6694034-\$ or US-7106870-\$ or US-7062056-\$ or US-6647345-\$ or US-6556686-\$ or US-5870481-\$). did.	US-PGPUB; USPAT	OR	ON	2006/11/28 17:30
S44	13	((primary or master or secondary) SAME (hear\$3 or device\$1 ))and S43	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/28 17:35
S45	328	((two or primary or master or first or secondary) SAME (hear\$3 or device\$1 ))and (600/559.ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/28 17:37
S46	265	S45 and @ad<"20031209"	US-PGPUB; USPAT	OR	ON	2006/11/28 17:47
S47	183	(381/314.ccls.)	US-PGPUB; USPAT	OR	ON	2006/11/29 06:28
S48	153	S47 and @ad<"20031209"	US-PGPUB; USPAT	OR	ON	2007/08/31 12:39

## EAST Search History

S49	82	((primary or master or secondary or old or new) SAME (hear\$3 or device\$1 ))and S48	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/28 17:48
S50	183	(381/314.ccls.)	US-PGPUB; USPAT	OR	ON	2006/11/29 06:18
S51	8	(381/314.ccls.)and (381/60.ccls.) and (fitt\$3 and performanc\$3)	US-PGPUB; USPAT	OR	ON	2006/11/29 06:28
S52	231	(381/314.ccls.) or (381/60.ccls.) and (fitt\$3 and performanc\$3)	US-PGPUB; USPAT	OR	ON	2006/11/29 06:28
S53	189	S52 and @ad<"20031209"	US-PGPUB; USPAT	OR	ON	2006/11/29 07:15
S54	109	((primary or master or secondary or new or old) SAME (hear\$3 or device\$1 ))and S53	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/29 06:33
S55	168	((primary or master or second\$3 or new or old) SAME (hear\$3 or device\$1 ))and S53	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/29 06:33
S56	180	(primary or master or second\$3 or new or old) and S53	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/29 10:13

## EAST Search History

S57	44	(US-20020176584-\$ or US-20040028250-\$ or US-20040141621-\$ or US-20040136541-\$ or US-20040066944-\$ or US-20040204921-\$ or US-20040125966-\$ or US-20040190738-\$ or US-20040234089-\$ or US-20050111680-\$ or US-20030161482-\$ or US-20040213424-\$ or US-20020191800-\$ or US-20050013445-\$ or US-20040073134-\$ or US-20030083591-\$ or US-20040013280-\$ or US-20030215105-\$ or US-20020015506-\$ or US-20030235319-\$ or US-20030179896-\$ or US-20030012391-\$).did. or (US-5703797-\$ or US-7058182-\$ or US-6118877-\$ or US-7068793-\$ or US-7024000-\$ or US-6980662-\$ or US-6954535-\$ or US-6094489-\$ or US-6366863-\$ or US-6327366-\$ or US-5386475-\$ or US-5029217-\$ or US-6047074-\$ or US-6134329-\$ or US-6694034-\$ or US-7106870-\$ or US-7062056-\$ or US-6647345-\$ or US-6556686-\$ or US-5870481-\$ or US-7072480-\$ or US-6128392-\$). did.	US-PGPUB; USPAT	OR	ON	2006/11/29 06:59
S58	166	S57 or S56 and (old or new or second\$3 or first or primary) and (adjust\$3 or fitt\$3)	US-PGPUB; USPAT	OR	ON	2006/11/29 07:02
S59	107	S58 and (audiogram\$2 or test\$2)	US-PGPUB; USPAT	OR	ON	2006/11/29 10:09
S60	49802	analyz\$4 and (adjust\$3 or fitt\$3) and (hear\$3)	US-PGPUB; USPAT	OR	ON	2006/11/29 07:12
S61	5827	S60 and (("381"/\$.ccls.) or ("600"/\$. ccls.))	US-PGPUB; USPAT	OR	ON	2006/11/29 07:13
S62	4620	S61 and @ad<"20031209"	US-PGPUB; USPAT	OR	ON	2006/11/29 07:15
S63	4563	(primary or master or second\$3 or new or old) and S62	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/29 07:17

## EAST Search History

S64	561	(old or first or second) adj3 (match\$3 or fitt\$3 or adapt\$3 or adjust\$3) and S63	US-PGPUB; USPAT	OR	ON	2006/11/29 07:19
S65	102	(old or first or second) adj1 (match\$3 or fitt\$3 or adapt\$3 or adjust\$3) and S63	US-PGPUB; USPAT	OR	ON	2006/11/29 07:27
S66	4	Kuhnel-volker\$.in.	US-PGPUB; USPAT	OR	ON	2006/11/29 07:32
S67	0	(adjust\$3 or fitt\$3 or adapt\$3 or performanc\$2) and (hear\$3 or devic\$2 or analyz\$3) and (primary or first or second\$3 or old or new) and ("381"/\$.ccls.) and ("364"/\$. ccls.)	US-PGPUB; USPAT	OR	ON	2006/11/29 10:01
S68	10345	(adjust\$3 or fitt\$3 or adapt\$3 or performanc\$2) and (hear\$3 or devic\$2 or analyz\$3) and (primary or first or second\$3 or old or new) and ("381"/\$.ccls.) or ("364"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2006/11/29 10:01
S69	10242	S68 and (voice\$2 or audio or signal\$2 or acoustic\$2 or transducer\$2 or microphon\$2 or speaker\$2)	US-PGPUB; USPAT	OR	ON	2006/11/29 10:02
S70	8479	S69 and @ad<"20031209"	US-PGPUB; USPAT	OR	ON	2006/11/29 10:38
S71	6689	S70 and (control\$4 or analyz\$3)	US-PGPUB; USPAT	OR	ON	2006/11/29 10:03
S72	466	S71 and (PC and computer\$1 )	US-PGPUB; USPAT	OR	ON	2006/11/29 10:04
S73	2321	S71 and (PC or computer\$1 )	US-PGPUB; USPAT	OR	ON	2006/11/29 10:05
S74	1385	S73 and (audiogram\$2 or test\$2 or sett\$3)	US-PGPUB; USPAT	OR	ON	2006/11/29 10:56
S75	1385	(primary or master or second\$3 or new or old or first) and S74	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/29 10:28
S76	61	S75 and (((old and new)or(first and second\$3)) NEAR (hear\$ or device\$2))	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/29 10:37
S77	118	(new or first) SAME (\$3adjust\$3 or match\$3 or fitt\$3 or adapt\$3) and (381/60.ccls.)	US-PGPUB; USPAT	OR	ON	2006/11/29 10:38
S78	93	S77 and @ad<"20031209"	US-PGPUB; USPAT	OR	ON	2006/11/29 10:55

## EAST Search History

S79	3479	((old and new) or (first and second\$3) ) WITH (device\$1 or Hear\$3) and ("381"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2006/11/29 10:54
S80	2906	S79 and (adapt\$3 or \$3adjust\$3 or match\$3 or fitt\$3)	US-PGPUB; USPAT	OR	ON	2006/11/29 10:55
S81	2349	S80 and @ad<"20031209"	US-PGPUB; USPAT	OR	ON	2006/11/29 11:36
S82	1108	S81 and (audiogram\$2 or test\$2 or sett\$3)	US-PGPUB; USPAT	OR	ON	2006/11/29 11:15
S83	1	"20050123145"	US-PGPUB; USPAT	OR	ON	2006/11/29 11:36
S84	1	"7024000"	USPAT	OR	ON	2006/11/29 15:54
S85	48	(US-20020176584-\$ or US-20040028250-\$ or US-20040141621-\$ or US-20040136541-\$ or US-20040066944-\$ or US-20040204921-\$ or US-20040125966-\$ or US-20040190738-\$ or US-20040234089-\$ or US-20050111680-\$ or US-20030161482-\$ or US-20040213424-\$ or US-20020191800-\$ or US-20050013445-\$ or US-20040073134-\$ or US-20030083591-\$ or US-20040013280-\$ or US-20030215105-\$ or US-20020015506-\$ or US-20030235319-\$ or US-20030179896-\$ or US-20030012391-\$ or US-20020176594-\$ or US-20020064291-\$ or US-20040218768-\$).did. or (US-5703797-\$ or US-7058182-\$ or US-6118877-\$ or US-7068793-\$ or US-7024000-\$ or US-6980662-\$ or US-6954535-\$ or US-6094489-\$ or US-6366863-\$ or US-6327366-\$ or US-5386475-\$ or US-5029217-\$ or US-6047074-\$ or US-6134329-\$ or US-6694034-\$ or US-7106870-\$ or US-7062056-\$ or US-6647345-\$ or US-6556686-\$ or US-5870481-\$ or US-7072480-\$ or US-6128392-\$ or US-5687241-\$).did.	US-PGPUB; USPAT	OR	ON	2006/11/29 16:15
S86	44	S85 and (db or calibrat\$3 or level\$1 or amplitude\$1)	US-PGPUB; USPAT	OR	ON	2006/11/29 16:16

## EAST Search History

S87	1	"20040057591"	US-PGPUB; USPAT	OR	ON	2006/11/29 16:33
S88	1	"20040057591"	US-PGPUB; USPAT	OR	ON	2006/11/30 07:16
S89	49	(US-20020176584-\$ or US-20040028250-\$ or US-20040141621-\$ or US-20040136541-\$ or US-20040066944-\$ or US-20040204921-\$ or US-20040125966-\$ or US-20040190738-\$ or US-20040234089-\$ or US-20050111680-\$ or US-20030161482-\$ or US-20040213424-\$ or US-20020191800-\$ or US-20050013445-\$ or US-20040073134-\$ or US-20030083591-\$ or US-20040013280-\$ or US-20030215105-\$ or US-20020015506-\$ or US-20030235319-\$ or US-20030179896-\$ or US-20030012391-\$ or US-20020176594-\$ or US-20020064291-\$ or US-20040218768-\$ or US-20040057591-\$).did. or (US-5703797-\$ or US-7058182-\$ or US-6118877-\$ or US-7068793-\$ or US-7024000-\$ or US-6980662-\$ or US-6954535-\$ or US-6094489-\$ or US-6366863-\$ or US-6327366-\$ or US-5386475-\$ or US-5029217-\$ or US-6047074-\$ or US-6134329-\$ or US-6694034-\$ or US-7106870-\$ or US-7062056-\$ or US-6647345-\$ or US-6556686-\$ or US-5870481-\$ or US-7072480-\$ or US-6128392-\$ or US-5687241-\$).did.	US-PGPUB; USPAT	OR	ON	2006/11/30 07:58
S90	16	S89 and (measur\$5 NEAR4 microphon\$2)	US-PGPUB; USPAT	OR	ON	2006/11/30 09:07
S91	1043	"L16" and (coupl\$3)	US-PGPUB; USPAT	OR	ON	2006/11/30 09:07
S92	12	S90 and (coupl\$3)	US-PGPUB; USPAT	OR	ON	2006/11/30 09:09
S93	12	S92 and (microphon\$2 with coupl\$3)	US-PGPUB; USPAT	OR	ON	2006/11/30 09:09



## EAST Search History

S94	1	"20050123145"	US-PGPUB; USPAT	OR	ON	2007/08/02 15:43
S95	229	(381/60.ccls.)	US-PGPUB; USPAT	OR	ON	2007/08/02 16:56
S96	11	chalupper-Josef\$.in.	US-PGPUB; USPAT	OR	ON	2007/08/02 16:23
S97	194	(381/314.ccls.)	US-PGPUB; USPAT	OR	ON	2007/08/02 16:33
S98	1	"20040044428"	US-PGPUB; USPAT	OR	ON	2007/08/02 16:34
S99	465	(600/559.ccls.)	US-PGPUB; USPAT	OR	ON	2007/08/02 16:45
S10 0	2	Frohlich-Matthias\$.in.	US-PGPUB; USPAT	OR	ON	2007/08/02 16:45
S10 1	18	Meyer-Wolfram\$.in.	US-PGPUB; USPAT	OR	ON	2007/08/02 16:48
S10 2	4	Rohrseitz-Kristin\$.in.	US-PGPUB; USPAT	OR	ON	2007/08/02 16:51
S10 3	0	Muler-Stefan\$.in.	US-PGPUB; USPAT	OR	ON	2007/08/02 16:51
S10 4	66	Muller-Stefan\$.in.	US-PGPUB; USPAT	OR	ON	2007/08/02 16:55
S10 5	158	S95 and (@ad<"20031209")	US-PGPUB; USPAT	OR	ON	2007/08/02 16:56
S10 6	234	(381/60.ccls.)	US-PGPUB; USPAT	OR	ON	2007/08/30 16:31
S10 7	11	Chalupper-Josef\$.in.	US-PGPUB; USPAT	OR	ON	2007/08/30 16:35
S10 8	2	Frohlich-Matthias\$.in.	US-PGPUB; USPAT	OR	ON	2007/08/30 16:35
S10 9	8	Hopf-thomas\$.in.	US-PGPUB; USPAT	OR	ON	2007/08/30 16:36
S11 0	2732	(381/312-331.ccls.)	US-PGPUB; USPAT	OR	ON	2007/08/31 14:39
S11 1	1647	S110 and @ad<"20031209"	US-PGPUB; USPAT	OR	ON	2007/08/31 14:15
S11 2	47	"5479522"	US-PGPUB; USPAT	OR	ON	2007/08/31 13:53
S11 3	248	(381/374.ccls.)	US-PGPUB; USPAT	OR	ON	2007/08/31 14:15
S11 4	154	S113 and @ad<"20031209"	US-PGPUB; USPAT	OR	ON	2007/08/31 14:39
S11 5	453	(381/56.ccls.)	US-PGPUB; USPAT	OR	ON	2007/08/31 14:39

## EAST Search History

S11 6	330	S115 and @ad<"20031209"	US-PGPUB; USPAT	OR	ON	2007/08/31 15:03
S11 7	230	("600"/\$.ccls.) and (hear\$3 near2 aid\$1) and (microphone\$1 and speaker\$1)	US-PGPUB; USPAT	OR	ON	2007/08/31 14:51
S11 8	195	S117 and @ad<"20031209"	US-PGPUB; USPAT	OR	ON	2007/08/31 16:13
S11 9	1373	(hear\$3 near2 aid\$1) and (microphone\$1 and speaker\$1) and (adjust\$4 or test\$3)	US-PGPUB; USPAT	OR	ON	2007/08/31 15:03
S12 0	968	S119 and @ad<"20031209"	US-PGPUB; USPAT	OR	ON	2007/08/31 15:04
S12 1	835	((("702"/\$.ccls.) or ("600"/\$.ccls.)) and (hear\$3 near aid\$1)	US-PGPUB; USPAT	OR	ON	2007/08/31 16:13
S12 2	641	S121 and @ad<"20031209"	US-PGPUB; USPAT	OR	ON	2007/08/31 16:38
S12 3	91	(381/23.1.ccls.)	US-PGPUB; USPAT	OR	ON	2007/09/03 16:19
S12 4	1	"20040057591"	US-PGPUB; USPAT	OR	ON	2007/08/31 16:44
S12 5	1	"20040057591"	US-PGPUB; USPAT	OR	ON	2007/08/31 17:17
S12 6	1	"7024000"	US-PGPUB; USPAT	OR	ON	2007/09/03 13:17
S12 7	1	"20040057591"	US-PGPUB; USPAT	OR	ON	2007/09/03 14:54
S12 8	2	"20020176584"	US-PGPUB; USPAT	OR	ON	2007/09/03 16:04
S12 9	1	"20050123145"	US-PGPUB; USPAT	OR	ON	2007/09/03 16:04
S13 0	3333	(381/23.1,60,58,312-331.ccls.)	US-PGPUB; USPAT	OR	ON	2007/09/03 16:20
S13 1	2004	S130 and @ad<"20031209"	US-PGPUB; USPAT	OR	ON	2007/09/03 16:21
S13 2	534	S131 and ((hear\$3 near2 aid\$1) and (microphone\$1 and speaker\$1))	US-PGPUB; USPAT	OR	ON	2007/09/03 16:21
S13 3	897	S131 and ((hear\$3 near2 aid\$1) and (microphone\$1 and (speaker\$1 or transduc\$3)))	US-PGPUB; USPAT	OR	ON	2007/09/03 16:21